



Note:

UTM machine on which the regular tests are carried out is calibrated timely to ensure that our test reports are 100% correct and authentic. We have further attached sample copies of Amravati TMT FE-500 test reports which are provided when the client purchases our steel. The ingots from which the Amravati TMT bars are produced are manufactured as per ISI standards. The quality certificate of our ingots is attached further.

Index:

TMT test Reports	Page No.
1 Amravati TMT Bars-FE-500- Test Reports	38
2 NISST- Test Report	43
3 CITCO- Test Report	44
4 Idma- Test Reports	45
5 Indiana Rebend- Test Reports	51
6 Delhi Test House- Test Reports	67
7 National Institute of Technology- Test Report	72



Delhi Test House- Ingot Test Report



DELHI TEST HOUSE

A-62/3, G.T. Karnal Road, Industrial Area, Opp. Hans Cinema, Azadpur, Delhi-110 033 (INDIA)
Phone : +91-11-47075555 (30 Lines) Fax : +91-11-47075550
e-mail : info@delhitesthouse.com



ESTD. 1975

QR-03uz

Report No : 26202090429GEN2213
 Date : 06-05-2009
 Date of Receipt : 29-04-2009
 Party Ref No : LETTER DATE: 28.04.2009

Issued to: The Commercial Manager
 Aar Aar Castings Ltd.,
 Vill.Jharmajri, Barotiwala, Indl.Area,
 Beddi, Dist. Solan (H.P.)

Sample Description-M.S. INGOT (AMRAVATI STEEL)

TEST REPORT

Sl.no	Tests	Test Values	Test Method	Requirement IS:2830-1992, DESGN-C 20.GR-A	Conformity
1.PARAMETER					
1	Carbon, % By Mass	0.20	IS:228 (P-1)	0.17-0.23	Yes
2	Manganese, % By Mass	0.54	IS:228 (P-2)	0.30-0.60	Yes
3	Sulphur, % By Mass	0.018	IS:228 (P-9)	0.05 MAX	Yes
4	Phosphorus, % By Mass	0.025	IS:228 (P-3)	0.05 MAX	Yes
5	Carbon Equivalent, % By Mass	0.29	BY CALCULATION	0.42 MAX	Yes
6	Silicon, % By Mass	0.16	IS:228 (P-8)	NOT LESS THAN 0.10	Yes
7	Nitrogen, % By Mass	0.004	IS:228(P-19)	NOT EXCEED 0.012	Yes
8	Chromium, % By Mass	NI	IS:228 (P-6)		
9	Molybdenum, % By Mass	NI	IS:228 (P-7)		
10	Vanadium, % By Mass	0.0018	AAS		
11	Nickel, % By Mass	NI	IS:228 (P-5)		
12	Copper, % By Mass	0.01	AAS		

DINESH GOEL
 Authorised Signatory